JB 200 series

Much more than just a bunch of drives

Convenient storage add-on

- Plug and play expansion -ideal for direct attached storage configurations
- Compatible with server-based host bus adapters and RAID cards
- Simpler than using a dedicated RAID system if all you need is storage

Great performance

- 6Gb/s SAS throughput ensures ample connection speed
- Enterprise-class reliable data transmission

Space for everyone

- 2U 12-bay to 4U 60-bay, pick the enclosure that is right for you
- High density with standard 19" rackmount form factor
- Up to 224 drives via host bus adapters or RAID cards

Highly available and green

- Dual redundant controllers provide offer a doubled data path to hard drives
- Up to three power supplies mean enclosures are very failure-resistant
- 80 PLUS units save energy to reduce environmental impact – and costs
- Smart cooling lowers noise and energy waste while boosting stability

Add convenient and easy to integrate storage to your servers with JB 200 rackmount enclosures. Working with a wide selection of Infortrend-qualified host bus adapters (HBA) and RAID cards, the user friendly 19" enclosures add high performance and high availability direct attached storage to your servers in true plug n play fashion. Available in multiple form factors and densities, JB 200 enclosures have been designed to provide quick and consistent access to big storage that is free from technical complexities.

Fast connectivity

JB 200 enclosures instantly add massive storage to go alongside servers and have the connection speed to keep up via reliable enterprise-class 6Gb/s SAS, which provides a combination of bandwidth and dependability

More room

Using a server equipped with a host bus adapter or RAID card, you can select a JB 200 enclosure with space for as many as 224 drives. Depending on model, JB 200 products work with 2.5" and 3.5" HDDs, each up to 4TB in capacity

High availability and hot pluggable design

We offer JB 200 enclosures with single and dual redundant controllers. The latter work with your HBA or RAID card to ensure high availability that protects data access, with a doubled data path to hard drives. All controllers are hot plug with simple installs, maintenance, and upgrades, making JB 200 enclosures easy to work with even if you are not an IT expert

Diverse form factors

From compact 2U 12-bay to large form factor and high density 4U 48-bay and 60-bay models, JB 200 enclosures cater to a wide range of situations and demands. Whether an SMB or a large enterprise, they deliver the storage space you require while providing an equally flexible price spectrum

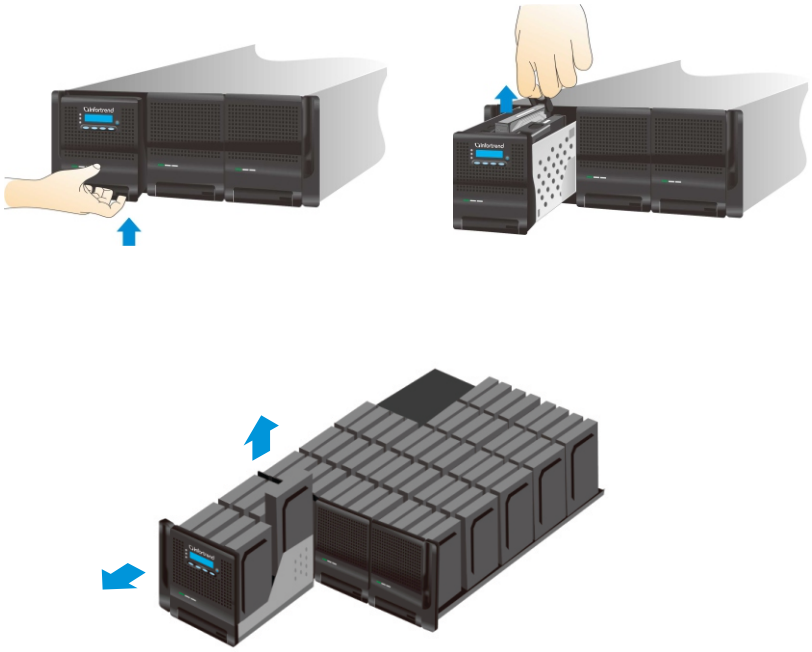
JB 200 series

Easy to work with

- Controllers and power supplies use a downtime-minimizing hot plug design
- Simple installs and maintenance plus ready for controller/PSU upgrades in future
- Hard drives organized into easy-reach drawers with vertical drive alignment for simple push and pull access (high density 48-bay and 60-bay models)

Smart and easy drawer layout

High density 48-bay and 60-bay JB 200 enclosures arrange drives into three drawers that can be easily opened and closed with one-hand convenience. Inside drawers, drives stand vertically and can be pushed in and pulled out with great ease – making for quick swaps if you need bigger drives, plus easy maintenance and replacement



Eco-friendly and safe power delivery

JB 200 enclosures feature up to three redundant 80 PLUS power supplies rated for 530W or 1600W each. These ensure highly efficient power delivery that saves you money on electric bills – a perfect match for non-stop server operation. Power supply fans deliver smart cooling based on system load, reducing energy waste and noise while ensuring optimized heat removal. On top of being very efficient, power supplies are carefully selected for endurance, and with solid redundancy your storage stays up and running even if one power supply requires maintenance

Technical Specifications

Model	JB 224RB	JB 224GB	JB 212R	JB 212G
Form factor[2]	2U SFF 19-inch rackmount	2U SFF 19-inch rackmount	2U LFF 19-inch rackmount	2U LFF 19-inch rackmount
Drive bay	24	24	12	12
Controller	Dual redundant	Single	Dual redundant	Single
Host/Expansion connectivity (per controller)	2 x 6Gb/s SAS wide ports (SFF-8088) support: - Dual host connections - 1 x IN port for connection to the host and 1 x OUT port for expansion to an additional enclosure			
Controller support	• LSI 6GB/S SAS RAID cards - MegaRAID SAS 9280-8e - MegaRAID SAS 9286-8e		• LSI 6Gb/S HBAs cards - SAS 9200-8e - SAS 9207-8e	
Supported drives[1]	2.5" SAS/SATA SSD - 200GB, 400GB, 800GB 2.5" 10K RPM SAS - 300GB, 600GB, 900GB, 1.2TB		2.5" SAS/SATA - SSD 200GB, 400GB, 800GB 2.5" 10K RPM SAS - 300GB, 600GB, 900GB, 1.2TB 3.5" 15K RPM SAS - 300GB, 450GB, 600GB 3.5" 7200RPM NL SAS - 1TB, 2TB, 3TB, 4TB, 6TB 3.5" 7200RPM SATA - 1TB, 2TB, 3TB, 4TB, 5TB	
Maximun drives (via expansion to additional enclosures)	216 via RAID card 120 via HBA		180 via RAID card 120 via HBA	
Hot-swappable power supply	Two redundant 530W		Two redundant 530W	
Green design	80 PLUS power supplies delivering more than 80% energy efficiency			
Avaiability	Redundant, hot-swappable hardware modules			
Notification	LED status			
Service and Support	Standard service	3-year limited hardware/software warranty and 8x5 phone, web and email support		
	Upgrade/Extension Options[3]	Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years		

Model	JB 216R	JB 216G
Form factor[2]	3U LFF 19-inch rackmount	3U LFF 19-inch rackmount
Drive bay	16	16
Controller	Dual redundant	Single
Host/Expansion connectivity (per controller)	2 x 6Gb/s SAS wide ports (SFF-8088) support: - Dual host connections - 1 x IN port for connection to the host and 1 x OUT port for expansion to an additional enclosure	
Controller support	• LSI 6GB/S SAS RAID cards - MegaRAID SAS 9280-8e - MegaRAID SAS 9286-8e	• LSI 6Gb/S HBAs - SAS 9200-8e - SAS 9207-8e
Supported drives[1]	2.5" SAS/SATA - SSD 200GB, 400GB, 800GB 2.5" 10K RPM SAS - 300GB, 600GB, 900GB, 1.2TB 3.5" 15K RPM SAS - 300GB, 450GB, 600GB 3.5" 7200RPM NL SAS - 1TB, 2TB, 3TB, 4TB, 6TB 3.5" 7200RPM SATA - 1TB, 2TB, 3TB, 4TB , 5TB	
Maximun drives (via expansion to additional enclosures)	224 via RAID card 112 via HBA	
Hot-swappable power supply	Two redundant 530W	
Green design	80 PLUS power supplies delivering more than 80% energy efficiency	
Avaiability	Redundant, hot-swappable hardware modules	
Notification	LED status	
Service and Support	Standard service	3-year limited hardware/software warranty and 8x5 phone, web and email support
	Upgrade/Extension Options[3]	Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years

1. For the latest compatibility details, please contact our sales representatives.
2. For detailed dimension, please visit Infortrend website.
3. Options may vary by region.

Technical Specifications

Model	JB 248R	JB 248G
Form factor[2]	4U LFF 19-inch rackmount	4U LFF 19-inch rackmount
Drive bay	48	48
Controller	Dual redundant	Single
Host/Expansion connectivity (per controller)	2 x 6Gb/s SAS wide ports (SFF-8088) support: - Dual host connections - 1 x IN port for connection to the host and 1 x OUT port for expansion to an additional enclosure	
Controller support	LSI 6GB/S SAS RAID cards - MegaRAID SAS 9280-8e - MegaRAID SAS 9286-8e	
Supported drives[1]	2.5" 10K RPM SAS - 300GB, 600GB, 900GB, 1.2TB 3.5" 7200RPM NL SAS - 1TB, 2TB, 3TB, 4TB, 6TB 3.5" 7200RPM SATA - 1TB, 2TB, 3TB, 4TB, 5TB(JB 248G and JB 260G only)	
Maximun drives (via expansion to additional enclosures)	192	
Hot-swappable power supply	(2+1) redundant 530W	
Green design	80 PLUS power supplies delivering more than 80% energy efficiency	
Avaiability	Redundant, hot-swappable hardware modules	
Notification	LED status	
Service and Support	Standard service: 3-year limited hardware/software warranty and 8x5 phone, web and email support	
	Upgrade/Extension Options[3]: Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years	

Model	JB 260R	JB 260G
Form factor[2]	4U LFF 19-inch rackmount	4U LFF 19-inch rackmount
Drive bay	60	60
Controller	Dual redundant	Single
Host/Expansion connectivity (per controller)	2 x 6Gb/s SAS wide ports (SFF-8088) support: - Dual host connections - 1 x IN port for connection to the host and 1 x OUT port for expansion to an additional enclosure	
Controller support	• LSI 6GB/S SAS RAID cards - MegaRAID SAS 9280-8e - MegaRAID SAS 9286-8e	
Supported drives[1]	2.5" 10K RPM SAS - 300GB, 600GB, 900GB, 1.2TB 3.5" 7200RPM NL SAS - 1TB, 2TB, 3TB, 4TB,6TB 3.5" 7200RPM SATA - 1TB, 2TB, 3TB, 4TB, 5TB (JB 248G and JB 260G only)	
Maximun drives (via expansion to additional enclosures)	180	
Hot-swappable power supply	Two redundant 1600W	
Green design	80 PLUS power supplies delivering more than 80% energy efficiency	
Avaiability	Redundant, hot-swappable hardware modules	
Notification	LED status	
Service and Support	Standard service: 3-year limited hardware/software warranty and 8x5 phone, web and email support	
	Upgrade/Extension Options[3]: Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years	

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